

U.S. Patent Application SN 10/816,280  
Amendment Filed in Response to  
Office Action of 7/25/05

ATTORNEY DOCKET NO: BOCCUZZI 2-27-3

#### Remarks

Claims 3-16 are pending in the application. Claims 1 and 2 are canceled. Claims 3, 4, 5 and 9 are independent claims.

Each of the Examiner's objections or rejections is addressed below in the order they were presented in the Office Action.

#### Rejection Pursuant to 35 U.S.C. § 112, Second Paragraph

The undersigned gratefully acknowledges the suggested language for amending claim 1 to avoid the rejection under 35 USC 112. Accordingly, the independent claims are amended, as suggested by the Examiner.

Claims 10, 11, 13 and 14 are amended to provide proper antecedent basis for the recitals present in the claims. Further, the awkward language identified in the Office Action has been canceled from claim 13.

#### Rejection Pursuant to 35 U.S.C. § 102(e) in View of Duncan et al. (US6,803,829)

The rejected claims 1 and 2 are canceled.

Claims 3 is amended to distinguish patentably over Duncan et al., which will now be discussed. Claim 3 is amended to recite; first means for applying a first tuning voltage to a node common to said first inductor elements, and third means for applying a bias voltage to a node common to said second inductor elements. Thus, claim 3 describes a tuning voltage applied to first inductor elements, and a bias voltage applied to second inductor elements. Duncan et al., in Fig. 45i, and in column 69, line 53 et seq., discloses a control voltage 4533 and an adaptive bias voltage 4522 applied to the same inductor elements 4509 and 4509. Further, Claim 3 recites a second means for applying a second tuning voltage. Duncan et al. does not disclose a second tuning voltage.

Each of new claims 15 and 16 recites series connected first inductors and series connected second inductors. Each inductor 4509 of Duncan et al., Fig. 45i, column 69, line 55 and line 66 is disclosed as a single inductor 4509.

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**Indication of Allowable Subject Matter**

Claims 4-8, 10, 11, 13 and 14 are amended to improve their readability, and to recite all limitations of the respective claims from which they depend.

Claims 9 and 12 have been allowed. Claim 9 is amended to improve its readability.

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